CLAIMS

1. A decorated article (1, 2, 7), in particular a mobile telephone housing or a mobile telephone window, which has a base body (13, 22, 71) which has curved surface regions and at least one decorative element (12, 21, 24, 78) arranged in the region of one or more curvatures of the surface of the base body,

characterized in that

the decorative element (12, 21, 78) is formed by an IMD-film or a deep-drawable film which is deformed in production of the base body (13, 22, 71) in accordance with the one or more curvatures and the IMD-film or deep-drawable film has a transparent structure layer (35, 44, 54, 64, 74) having a spatial structure (39, 49) producing an optically perceptible effect, and has a reflection layer (37, 46, 56, 66, 73) arranged between the surface of the base body (13, 22, 23, 71) and the structure layer (35, 44, 54, 64, 74).

2. A decorated article (1, 2, 7) as set forth in claim 1 characterized in that the optical effect of the spatial structure (39, 49) is extinguished in a pattern configuration by means of an intermediate layer (36, 45, 76) which is shaped in pattern form and which is arranged between the structure layer (35, 44, 74) and the reflection layer (37, 46, 73) and/or by means of removal in a pattern configuration, in particular demetalization, of the reflection layer (56, 66) in regions in which the curvature of the surface structure exceeds a limit value.

3. A decorated article (1, 2, 7) as set forth in claim 2 characterized in that the limit value is the radius of curvature at which changes in the optical effect of the spatial structure, which are visible to a viewer, occur due to bending of the structure layer.

4. A decorated article (7) as set forth in claim 2 characterized in that the limit value is a radius of curvature at which breaks occur in the structure layer.

5. A decorated article (7) as set forth in claims 2 through 4 characterized in that the intermediate layer comprises one or more extinguishing lacquer layers (36, 76) which comprise a transparent material and which level the structure of the structure layer (35, 74) in a pattern configuration.

6. A decorated article as set forth in claims 2 through 5 characterized in that the intermediate layer comprises one or more extinguishing lacquer layers (45) comprising an opaque material.

7. A decorated article as set forth in claims 2 through 6 characterized in that the intermediate layer has a masking layer (55) which is partially removed with the post-applied part of the reflection layer (56).

8. A decorated article (7) as set forth in claims 2 through 7 characterized in that the intermediate layer comprises a thermoplastic material.

9. A decorated article (7) as set forth in claims 2 through 8 characterized in that the flexibility of the intermediate layer is different from that of the structure layer.

10. A decorated article as set forth in claims 2 through 9 characterized in that the intermediate layer and/or the structure layer is colored.

11. A decorated article (7) as set forth in one of the preceding claims characterized in that the structure layer has desired-fracture

locations so that the structure layer breaks up in a defined fashion in regions in which the curvature of the structure layer exceeds a limit value.

12. A decorated article (7) as set forth in claim 11 characterized in that the desired-fracture locations are so arranged that the optical effect produced by the structure is not impaired by the fracture of the structure layer in the region of the desired-fracture locations.

13. A decorated article (7) as set forth in claim 11 characterized in that the desired-fracture locations are so arranged that the optical effect produced by the structure is no longer produced in regions in which the structure layer has broken up.

14. A decorated article (7) as set forth in one of the preceding claims characterized in that the reflection layer has desired-fracture locations so that the reflection layer breaks up in a defined fashion in regions in which the curvature of the structure layer exceeds a limit value, thereby extinguishing the optical effect produced by the structure in said regions.

15. A decorated article (7) as set forth in one of the preceding claims characterized in that a further layer with a higher refractive index than the structure layer is arranged between the structure layer and the reflection layer.

16. A decorated article (7) as set forth in claim 15 characterized in that the further layer comprises a material having thermally insulating properties.

17. A decorated article (7) as set forth in claim 15 or claim 16 characterized in that the reflection layer is removed in a window-shaped region.

18. A decorated article (7) as set forth in one of the preceding claims characterized in that the structure layer (74) comprises a thermoplastic material into which the spatial structure is embossed.

19. A decorated article (7) as set forth in one of the preceding claims characterized in that the structure has a visible structure which does not have an optical-diffraction effect with a roughness depth of the order of magnitude of between 0.8 and 10 µm.

20. A decorated article as set forth in one of the preceding claims characterized in that the structure has a diffractive structure with an optical-diffraction effect.

21. A decorated article (7) as set forth in one of the preceding claims characterized in that the reflection layer is a metal layer, a layer comprising a metal oxide or a metal sulfide, or a layer comprising a reflective plastic material.

22. A multi-layer film (3, 4, 52, 62) for the production of decorated articles having curved surface regions, characterized in that the multi-layer film (3, 4, 52, 62) is an IMD-film or a deep-drawable film which is deformed in production of the decorated article in accordance with the curvature of the base body of the decorated article and the IMD-film or deep-drawable film has a transparent structure layer (35, 44, 54, 64) which has a spatial structure producing an optically perceptible effect, and a reflection layer (37, 46, 56, 66) arranged beneath the structure layer in the viewing direction.

23. A multi-layer film as set forth in claim 22 characterized in that the multi-layer film is of a configuration as set forth in one of claims 2 through 21.